#### **BUILDING INSPECTION REPORT**

and

MANAGEMENT PLAN

for

ASBESTOS-CONTAINING MATERIALS

BROWN MEMORIAL PRESBYTERIAN CHURCH 6200 NORTH CHARLES STREET AT WOODBROOK LANE BALTIMORE, MARYLAND 21212-1098

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Date: 1/30/59

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### I. INTRODUCTION

#### I. INTRODUCTION

This report was completed by GERALD C. BEAUCHESNE AND ASSOCIATES for the Brown Me Presbyterian Church, which is located at 6200 North Charles Street at Woodbrook Lane, Baltimore, Maryland 21212-1098. The inspection consisted of bulk sampling all material, both friable and non-friable, considered to be asbestos-containing building material (ACBM). The inspection included all floors and basement of the main building as well as the fellowship wing.

This report consists of three chapters. The first component is the INSPECTION REPORT. Actual samples were taken and sent to a qualified laboratory to be tested by polarized light microscopy to understand the type and content of the asbestos. The purpose of the inspection is to determine whether the ACM is present in the building and an assessment of the condition and location of the ACM. This inspection report provides the information to estimate the degree of current and potential hazard posed by ACM and serves as a basis for the types of corrective actions in the overall management plan for asbestos in your school.

The second chapter of this report is the MANAGEMENT PLAN. The management plan is used as a planning tool in handling the asbestos program. It summarizes the inspection results and develops response actions, reinspection timetables and long-term surveillance activities.

The third chapter is the OPERATION/MAINTENANCE AND REPAIR PROGRAM (O & M PROGRAM). The O & M Program focuses on the activities of custodial and maintenance workers and service contractors in maintaining a building free of asbestos contamination through special work practices designed to minimize the disturbance of ACM.

### A. BRIEF HISTORY OF GERALD C. BEAUCHESNE AND ASSOCIATES

Mr. Beauchesne has inspected and prepared analyses for hundreds of properties in Maryland and Washington for individual clients and real estate firms, including both residential and commercial buildings. Inspections include all systems, structural integrity, safety conditions and presence and condition of asbestos.

His experience as a licensed contractor and his formal training with the Property Inspector's Training Institute gives him an in-depth understanding of the various conditions and components of all types of building construction and materials.

Mr. Beauchesne completed one of the earliest asbestos inspection licensing courses through the Robert Woods Johnson School of Medicine, Mid-Atlantic Asbestos Training Center at Rutgers University in November 1987. He is fully licensed and accredited by the EPA.

In business since 1983, Mr. Beauchesne has an excellent following of satisfied clients because of the completeness of the inspections and his devotion to the best interests of his clients.

Mr. Beauchesne lectures on various aspects of building inspection for many recognized real estate training programs. He is currently developing Asbestos Training Programs for the school asbestos coordinators and school maintenance personnel. His experience as a teacher also goes a long way in helping his individual clients and schools understand their properties and how to make them function safely, economically and comfortably.

#### **B. ACCREDITATION**

For your records, the accreditation credentials for GERALD C. BEAUCHESNE AND ASSOCIATES are shown below:

Gerald C. Beauchesne:

Inspector's License Number RWJ0004A
Management Planner Number RWJ00038
Maryland Construction 799522

Accreditation may be verified by calling the Mid-Atlantic Asbestos Training Center (sponsored by the U.S. Environmental Protection Agency) at:

The University of Medicine and Dentistry of New Jersey
Robert Wood Johnson Medical School (Rutgers)
675 Hoes Lane
Piscataway, New Jersey 08854-5635
Telephone 201-463-4500

or

Mr. Dan LaHart, Senior Industrial Hygienist Accreditation Division, Room 214 Maryland Department of the Environment 201 West Preston Street Baltimore, Maryland 21201 Telephone 301-225-5755



### University of Medicine and Dentistry of New Jersey Robert Wood Johnson Medical School Piscataway, New Jersey

This is to certify that

GERALD C. BEAUCHESNE

has successfully completed the course entitled

MANAGING ASBESTOS IN BUILDINGS

conducted by the
MID-AILANTIC ASBESTOS TRAINING CENTER
(Sponsored by U.S. Environmental Protection Agency)
Office of Consumer Health Education
Department of Environmental and Community Medicine

NOVEMBER 19-20, 1987

Date

Acting Center Director

A CONTRACTOR OF CONTRACTOR OF

Course Director



### University of Medicine and Dentistry of New Jersey Robert Wood Johnson Medical School Piscataway, New Jersey

This is to certify that

GERALD C. BEAUCHESNE

CERTIFICATE #RWJ0004A

has successfully completed the course entitled

INSPECTING BUILDINGS FOR ASBESTOS CONTAINING MATERIALS

conducted by the
MID-AILANIIC ASBESIOS IRAINING CENIER
(Sponsored by U.S. Environmental Protection Agency)
Office of Consumer Health Education
Department of Environmental and Community Medicine

NOVEMBER 16-18, 1987

Date

Center Director

Course Director

### II. THE ASBESTOS PROBLEM

## II. THE ASBESTOS PROBLEM A. BACKGROUND ON EXPOSURE TO ASBESTOS

Construction materials containing asbestos materials have been used extensively in schools and other buildings. The concern about exposure to asbestos in these buildings is based on evidence linking various respiratory diseases with occupational exposure in the shipbuilding, mining, and fabricating industries. The presence of asbestos in a building does not mean that the health of the building occupants is endangered. If asbestoscontaining material (ACM) remains in good condition and is unlikely to be disturbed, exposure will be negligible. However, when ACM is damaged or disturbed (for example, by maintenance or repairs conducted without proper controls), asbestos fibers are released. These fibers can create a potential hazard for building occupants.

Asbestos may be found in cement products, acoustical plaster, fireproofing textiles, wallboard, ceiling tiles, vinyl floor tiles, thermal insulation, and other materials. EPA surveys estimate that 31,000 schools and 733,000 federal and commercial buildings have ACM in one form or another (USEPA 1984a, 1984b). ACM has been grouped into three categories: (1) sprayed- or troweled-on materials on ceilings, walls, and other surfaces; (2) insulation on pipes, boilers, tanks, ducts, and other equipment; and (3) other miscellaneous products. Material in the first two categories can be friable, that is, it can be crumbled, pulverized, or reduced to powder by hand pressure. Most ACM in the third category is nonfriable. Friable materials are more likely than nonfriable materials to release fibers when disturbed or damaged. Although nonfriable ACM is of less immediate concern, it should not be ignored. Fibers will be released if nonfriable material is cut, drilled, sanded, or broken during building repairs or renovation.

#### B. DISEASES ASSOCIATED with EXPOSURE to ASBESTOS

Much of what is known about asbestos-related diseases comes from studying workers in the various asbestos industries. Exposure levels of airborne asbestos typical of the asbestos workplace prior to 1972 has been linked with a debilitating lung disease called asbestosis; a rare cancer of the chest and abdominal lining called mesothelioma; and cancers of the lung, esophagus, stomach, colon, and other organs. In 1972 federal exposure standards were imposed.

The relationship between exposure level and health risk is complex. The potential for disease appears to be related to the physical and chemical characteristics of asbestos fibers as well as to the concentration of fibers in the air. Data on asbestos workers indicate that the risks of asbestosis, lung cancer, and mesothelioma decrease in direct proportion to a decrease in total asbestos dose. Because there is no direct information on health risks from exposure to asbestos in buildings with ACM, the risks are estimated by extrapolation from studies of asbestos industry workers (Nicholson 1984, The Royal Commission of Ontario 1984). The estimates indicate that only a small proportion of people exposed to low levels of asbestos will develop asbestos-related diseases. However, combining smoking with occupational exposure to asbestos increases the lung cancer rate above the rate due to either smoking or asbestos exposure alone. Also, asbestos exposure in children is of special concern: since they have a greater remaining lifespan than adults, their lifetime risk of developing mesothelioma is greater. Avoiding unnecessary exposure to asbestos is prudent.

#### C. FEDERAL REGULATIONS REGARDING ASBESTOS in BUILDINGS

Current regulations (1) restrict the use of most asbestos products in new buildings, (2) specify work practices for removal of ACM from buildings, and (3) require the identification of asbestos in schools. There are no exposure standards for nonindustrial settings, and no regulations requiring corrective actions in buildings with ACM. A complete copy of the Federal Regulations (40 CFR Part 763) Asbestos-Containing Materials in Schools, can be found in Appendix A.

# CHAPTER ONE THE INSPECTION REPORT

I. DESCRIPTION OF INSPECTION FINDINGS

#### I. DESCRIPTION OF INSPECTION FINDINGS

The test results showed that three materials tested contained asbestos. Asbestos was assumed to exist in two materials found in the Brown Memorial Presbyterian Church: thermal system insulation (TSI) and vinyl asbestos tile flooring.

#### A. TESTED MATERIALS CONTAINING ACBM

Homogeneous Area (Random), Sample #BMSLBRGB28

This sample was taken from the boiler room in the main building. It consisted of boiler lagging insulation of a plaster type. The sample was taken from the material around the hatch handle at Boiler #2.

The material contained 70% amosite asbestos.

The potential for contact is moderate, the influence of vibration is high, and the potential for air erosion is low.

2. Homogeneous Area (Random), Sample #BMSLBRGB29

The sample consisted of a plaster-type material that came from the insulation around the A/C duct system in the boiler room in the main building. The sample was taken from the air duct to the right of Boiler #2.

The composition of the sample was 70% chrysotile asbestos.

The condition of the material was fair and the potential for contact and air erosion and the influence of vibration were rated moderate.

2. Homogeneous Area (Random), Sample #BMFLBRGB30

This sample was located in the boiler room in the Fellowship Building. It consisted of the plaster lagging insulation around the A/C duct. The sample was taken directly across from the entrance behind the electrical conduit.

The sample contained 70% chrysotile asbestos.

The condition of the material was fair and the potential for contact and air erosion and the influence of vibration were rated moderate.

#### B. THERMAL SYSTEM INSULATION (TSI)

Location: Brown Memorial Presbyterian Church

Kooms	Corridors	Stairwells	Other
44			Boiler Room Storage Room

This area consists of approximately \_\_\_\_\_ linear feet.

Generally speaking, the TSI in these areas was in good condition. The potential for contact was moderate, the influence of vibration was low, and the potential for air erosion was low.

#### C. VINYL ASBESTOS FLOOR TILE

Location: Brown Memorial Presbyterian Church

Rooms	Corridors	Stairwells	Other
33 38 39 13/14/15 8 11 10 9 12 17 42 36 41 37 40 44	Lower Main NW (Fellowship)	South	Boiler Storage 31 Main Lobby Church Office Chapel Ladies'/Men's RR Choir Master's Office Library 16 Game Room Choir Corridor/Vestment Kitchen Dining Room Choir Room Robing Rooms Kitchen (Fellowship) Youth Center

These areas cover approximately \_\_\_\_\_ square feet. The vinyl asbestos floor tile was good in all areas. However, because it is floor tile, the potential for contact is high. The influence of vibration and the potential for air erosion are low.

These inspection results are summarized in Table I.A. The actual test results are listed by individual sample in the section entitled PRELIMINARY RESULTS under Inspection Sample Information Log.

AREA Main

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Boiler Storage	31		Good	Contact: Moderate Vibration: Low Air Erosion: Low	155 lin. feet	TSI	Continue O&M. Take preventive measures to reduce disturbance. Number (7) indicates priority for removal.
			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs, or until hazard assessment factors change.
Storage room (behind boiler)			Good	Contact: Moderate Vibration: Low Air Erosion: Low	130 lin. feet	TSI	Continue O&M. Take preventive measures to reduce disturbance. Number (7) indicates priority for removal.
Lower Cor- ridor & Main Lobby			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	33		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	38		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

AREA Main

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Room	39		Good	Contact: High Vibration: Low Air Erosion: Low	:	Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	13/14/15		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	8		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Main Corridor			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Church Office, etc.			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

### TABLE 1A SUMMARY OF INSPECTION FINDINGS

**ASSUMED ACBM** 

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Room	11		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	10		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	9		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	12		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Chapel			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

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### TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
South Stairwell			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Ladies' Restroom			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Men's Restroom			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Library	16		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	17		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

L Brown Memorial

**AREA Main Building** 

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

**ASSUMED ACBM** 

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Room	42		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	36		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	41		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	37		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Room	40		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

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### TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Room	44		Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
FELLOWSHIP							
Choir Master's Office			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Game Room			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Choir Corridor & Vestment			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Kitchen			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area Re	oom No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Dining Room			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Choir Room			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Robing Rooms (men & women)			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Kitchen Cor- ridor			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
NW Corridor off of main lobby			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl asbestos tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

SCI

∠ Brown Memorial

**AREA Main Building** 

### TABLE 1A SUMMARY OF INSPECTION FINDINGS

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Assessment of Potential for Disturbance	Other Data	ACM Present	Plan
Youth Center, Main Room			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.
Youth Kitchen			Good	Contact: High Vibration: Low Air Erosion: Low		Vinyl Asbestos Tile	Continue O&M until major renovation or demolition requires removal under NESHAPs or until hazard assessment factors change.

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

Assessment of

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Potential for Disturbance	Other Data	ACM Present	Plan	
Boiler Room (Main)	32	BMSLBRGB25				No asbestos found		
		BMSLBRBG26				No asbestos found		
		BMSLBRGB28	Good	Contact: Moderate Vibration: High Air Erosion Low	Plaster, boiler lagging insulation	70% amosite asbestos	Continue O&M. Take preventive measures to reduce disturbance. Number (6) indicates priority for removal.	
		BMSLBRGB29	Fair	Contact: Moderate Vibration: Moderate Air Erosion Moderate	Plaster, insulation around A/C duct	70% chrysotile asbestos	Repair, continue O&M. Number (3) indicates priority if all repairs cannot be done immediately.	1.5-1.1
Boiler Room (Fellowship)		BMFLBRGB27				No asbestos found		
		BMFLBRGB30	Fair	Contact: Moderate Vibration: Moderate Air Erosion Moderate	Plaster, insulation around A/C duct	70% chrysotile asbestos	Repair, continue O&M. Number (3) indicates priority if all repairs cannot be done immediately.	
		BMFLBRGB30(QA	١)					
Lower Cor- ridor & Main Lobby		BMSLLGB19				No asbestos found		

## TABLE 1A SUMMARY OF INSPECTION FINDINGS

Assessment of

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Potential for Disturbance	Other Data	ACM Present	Plan	
		BMSLEBG11				No asbestos found		
		BMSLMCGB09				No asbestos found		
Room	33	BMSM33GB10				No asbestos found		
		BMSM33GB10(QA	)			No asbestos found		
Room	38	BMSL38GB18				No asbestos found		13-12
Room	39	BMSL39GB14				No asbestos found		
Main Lobby		BMSMECGB07				No asbestos found		
Room	13/14/15	BMSM13GB01				No asbestos found		
		BMSM13GB15				No asbestos found		
Room	8	BMSM8GB02				No asbestos found		
		BMSM8GB16				No asbestos found		

### TABLE 1A SUMMARY OF INSPECTION FINDINGS

Assessment of

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Potential for Disturbance	Other Data	ACM Present	Plan	
Main Corridor		BMSMNCGB03				No asbestos found		
Church Office, etc.		BMSM)GB05				No asbestos found		
Parlor		BMSM18GGB04				No asbestos found		
Room	11	BMSM11GB24				No asbestos found		
Room	10	BMSM11GB23				No asbestos found		1010
Room	9	BMSM9GB22				No asbestos found		
FELLOWSHIP								
Lobby		BMFMEGB06				No asbestos found		
Chapel		BMFMCGB08				No asbestos found		
		BMFMGB21				No asbestos found		

SCI

L Brown Memorial

AREA Main Building

### TABLE 1A SUMMARY OF INSPECTION FINDINGS

Assessment of

Functional Area	Room No.	Sample No.	Condition of Suspect Material	Potential for Disturbance	Other Data	ACM Present	Plan
Choir Master's Office		BMFMCMOGB12				No asbestos found	
Game Room		BMFLYGGB13				No asbestos found	
Choir Cor- ridor/Vestment		BMFMVGB17				No asbestos found	
Men's Room		BMFMMKGB20				No asbestos found	
		BMFMMRGB20(Q	A)			No asbestos found	

Ladies' Room



Jonathan E. Oglesbee Pastor

October 13, 2003

Gerald C. Beauchesne 904 Breezewick Circle Baltimore, MD 21286

Dear Gerry:

Could you please sign and return one copy of this letter where indicated below, to verify the following:

- that you have, in fact, completed the required three-year asbestos inspection of our building this year; and
- that the inspection report is currently in process and will be delivered to us upon completion.

Thank you, and if you have any questions, please contact me on Extension 15.

Sincerely,

Lectur Seward

Ellen Seward
Church Administrator

Enclosure

ACKNOWLEDGED AND CONFIRMED:

Gerald C. Beauchesne, President
Gerald C. Beauchesne & Associates

# Periodic inspection by designated person under Section 763.84 at six month intervals.

Date of Inspection	Condition Found	Designated Person
3/15/24	De Change	) allen Mean
9/15/89	Me Change	Jallen Maa
3/12/90	no Change	J. allen Moore
9/17/98	No Change	Allen Mar
3/18/91	no Change	- allen Mon.
9/12/91	Infrared - insulation on takes and letitite room an ducto encejoulate	A J. allin Moss
3/5/92	Small trans in come getched	J. allan Mer.
9/14/92	no charge	J. allen Max

1/13/93 ASBESTOS REMOURE COMPANY OF MARTINOS, TAKE

ARC REMOURD APPAUX. 6-INCHES OF ASBESTOS

FROM ENCHOR THE #7, #8, "9, "10 CIRCULATING

PUMPS SUCTION LINE, FROM PUMP SUCTION

TO UNION,

J. H. H. Carpet

1/20/93 ASBESTOS REMOVAL CEMPANY OF MARYLAND, INC ARC REMOVED APPREX. & INCHES OF ASBESTOS FROM EACHOF THE #8, #9, #10 CIRCULATING PAMPS DECHARGE LINE, FROM PUMP DISCHARGE TO UNION.

Jell linet

ASBESTOS REMOVAL COMPANY OF MARYLAND, INC.

ARC REMOVED APPROX Z-FT OF ASBESTOS

FROM EACH OF THE \*3, \*9, \*5 CIRCULATING PUMPS

SUCTION, DISCHARGE LINES ENDS WERE ENCAPSULATED.

The Hamput

19/14: 6/15/2 ASBESTOS REMOVAL COMPANY OF MARYLAND INC.

ARC REMOVED ALL ASBESTOS & FIBERCIASES INSULATION

FROM ALL PIPING IN THE TORNELL ENDS WELL ENCAPOULATED

Shit Hays to

WORK BY ARC. REPORT No. 25869 DLHE

6/15

7/21/93 Aspertos Remoune Comment on MARYERIOS, I'me. AIR AMACHER ASSECTATES, Lase. Pearming Mentioning Tomorous 1 Trances Aspesses Then Bonces Aus Assermes Pirme, IN EAST BURDING. 2. Removed Assesson From Waron lives to ten JANITUR CLOSET. 3. REMOVED ASBESTES FROM PIPING IN CARNE SPACE From Tunner To Mounning Boom. Are Worm CONFINES WEST BUILDING 4 KEMOVED ASBESTOS FON PIPING IN MECHANICAL Room It WEST Smarks. Stl & Capet 5/ 197 ASBESTOS REMOVAL COMPANY OF MARYLAND, INC REMOVED ASSESTES COVERING PIPMS IN BAKE STORAGE ROOM, EAST BLOG APPROX 8' TOTAL. JURISH STORAGE JRILC. put 6/10/94 Assessos Removae Company OF MARYCAND, INC REMOVED PATCH OF ASSESTES COVERING ON DUCK,

FRESH AIR DOET APPROX 2'X2', IN MECKANICAL

Room of EAST BUILDING.



1005 West 36th Street Baltimore, Maryland 21211-2416 410-366-0250

FAX: 410-235-6240

#### LABORATORY ANALYSIS REPORT

BROWN MEMORIAL CHURCH CLIENT:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 06-15-93

CLIENT NO. 1804

PROJECT NO. 2168

PROJECT SITE:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 25869
SAMPLE <u>DATE</u> 06-15-93	LABORATORY NUMBER 4JM-06-001	LOCATION PERSONAL: JIM WALLACE SS #217-90-2505	VOLUME (L) 610	RESULTS F/CC 0.06
06-15-93	4JM-06-002	INSIDE WORK AREA - TUNNEL #44	610	0.033
06-15-93	4JM-06-003	INSIDE CLEAN ROOM	620	NFO
06-15-93	4JM-06-004	OUTSIDE WORK AREA - BY DOOR TO ROOMS 31-32	610	NFO

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC = LITERS RL = RECOMMENDED LEVEL 0.1 F/CC AL: NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL : 0.01 F/CC

MARYLAND CLEARANCE LEVEL: (0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: LAB DIRECTOR:

J. MARROQUIN, IHT

COLLECTED BY: 11111 IRVIN A. FISCHER, CIH, CSP, RES



1005 West 36th Street Baltimore, Maryland 21211-2416 410-366-0250

FAX: 410-235-6240

#### LABORATORY ANALYSIS REPORT

CLIENT:

BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

**DATE:** 06-16-93

CLIENT NO. 1804

PROJECT NO. 2168

PROJECT SITE:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

ANALYTE		AIRBORNE FIBERS	REPORT N	<b>O.</b> 25870
SAMPLE DATE	LABORATORY NUMBER	LOCATION	VOLUME (L)	RESULTS F/CC
06-15-93	4JM-06-005	10FT FROM CRAWL SPACE - TUNNEL #44	1275	0.0019
06-15-93	4JM-06-006	20FT FROM CRAWL SPACE - TUNNEL #44	1275	0.0023
06-15-93	4JM-06-007	CENTER OF TUNNEL #44	1290	0.0015
06-15-93	4JM-06-008	10FT FROM DECONTAMINATION CHAMBER	1275	0.0019
06-15-93	4JM-06-009	20FT FROM DECONTAMINATION CHAMBER	1290	0.0022

#### THESE SAMPLES ARE FINALS

AL = ACTION LEVEL

OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

EPA = ENVIRONMENTAL PROTECTION AGENCY

PEL = PERMISSIBLE EXPOSURE LIMIT

L = LITERS

RL = RECOMMENDED LEVEL

AL: 0.1 F/CC

NFO = NO FIBERS OBSERVED IN 100 FIELDS

TCTQ = TOO CLUTTERED TO QUANTIFY

EPA - RL : 0.01 F/CC

MARYLAND CLEARANCE LEVEL: (0.01 F/CC

OSHA - PEL:

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ANALYST: LAB DIRECTOR: J. MARROQUIN, IHT

IRVIN A. FISCHER, CIH, CSP, RES

COLLECTED BY: 11111



# LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 07-26-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE:

6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE AIRBORNE FIBERS REPORT NO. 26123

SAMPLE LABORATORY VOLUME RESULTS DATE NUMBER LOCATION (L) F/CC 07-22-93 4JM-07-035 PRE-SAMPLE - CENTER OF BOILER ROOM -900 NFO

ROOMS 31 & 32

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC RL = RECOMMENDED LEVEL L = LITERS AL: 0.1 F/CC TCTQ = TOO CLUTTERED TO QUANTIFY NFO = NO FIBERS OBSERVED IN 100 FIELDS EPA - RL : 0.01 F/CC MARYLAND CLEARANCE LEVEL:

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: I AD DIDCOTOD. J. MARROQUIN, IHT FTCOURD



FAX: 410-235-6240

# LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

A CONTRACTOR OF THE PROPERTY O

DATE: 07-26-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET - BOILER ROOM

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26124
SAMPLE <u>DATE</u> 07-23-93	LABORATORY NUMBER 4JM-07-036	LOCATION  PERSONAL: ALEX CASALDA SS #215-23-6541	VOLUME (L) 330	RESULTS F/CC 0.013
07-23-93	4JM-07-037	INSIDE WORK AREA	340	0.018
07-23-93	4JM-07-038	IN CLEAN ROOM OF DECONTAMINATION CHAMBER	340	0.0014
07-23-93	4JM-07-039	AT NEGATIVE AIR EXHAUST	340	NFO

OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AL = ACTION LEVEL 0.2 F/CC EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: AL: 0.1 F/CC RL = RECOMMENDED LEVEL L = LITERS NF8 = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL : 0.01 F/CC MARYLAND CLEARANCE LEVEL: (0.01 F/CC

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ANALYST:

J. MARROQUIN, IHT



FAX: 410-235-6240

# LABORATORY ANALYSIS REPORT

BROWN MEMORIAL CHURCH CLIENT:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 07-29-93

CLIENT NO. 1804

PROJECT NO. 2245

6200 NORTH CHARLES STREET PROJECT SITE:

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26146
SAMPLE <u>DATE</u> 07-26-93	LABORATORY NUMBER 8JW-07-005	LOCATION OUTSIDE WORK AREA - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	<b>VOLUME</b> (L) 960	RESULTS F/CC .002
07-26-93	8JW-07-006	PERSONAL: ALEX CASALDA SS #215-23-6541 - HALF-FACE RESPIRATOR	970	.011
07-26-93	8J <b>W</b> -07-00 <b>7</b>	WORK AREA - IN CENTER OF BOILER ROOM	960	.009

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC RL = RECOMMENDED LEVEL = LITERS AL: 0.1 F/CC NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL: 0.01 F/CC MARYLAND CLEARANCE LEVEL: (0.01 F/CC

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ANALYST: I AD DIDECTOD. J. WARD, IH

TOVIN A ETCOUED OTH OCD DEC



# LABORATORY ANALYSIS REPORT

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26159
SAMPLE DATE 07-27-93	LABORATORY NUMBER 8JW-07-008	LOCATION OUTSIDE WORK AREA - BOILER ROOM - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	VOLUME (L) 930	RESULTS F/CC .002
07-27-93	8J <b>W-</b> 07-009	PERSONAL: EDWARD NADOLNY SS #212-60-8669 - HALF-FACE RESPIRATOR BOILER ROOM	950 -	.008
07-27-93	8JW-07-010	WORK AREA - BOILER ROOM - IN CENTER OF ROOM	960	.005

AL = ACTION LEYEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC L = LITERS RL = RECOMMENDED LEVEL AL: 0.1 F/CC NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL: 0.01 F/CC MARYLAND CLEARANCE LEVEL:

THE DETECTION LIMIT USING MIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. WARD, IH

LAB DIRECTOR: IRVIN A. FISCHER, CIH, CSP. RES



CONTRACTOR CONTRACTOR STORY CONTRACTOR CONTRACTOR

### LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

The control of the co

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26160
SAMPLE <u>DATE</u> 07-28-93	LABORATORY NUMBER 8JW-07-017	LOCATION  OUTSIDE WORK AREA - BOILER ROOM - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	VOLUME (L) 980	RESULTS F/CC NFO
07-28-93	8JW-07-018	PERSONAL: ALEX CASALDA SS #215-23-6541 - HALF-MASK RESPIRATOR BOILER ROOM	970 -	.005
07-28-93	8JW-07-019	WORK AREA - IN CENTER OF BOILER ROOM	970	.004
07-28-93	8J <b>W</b> -07-020	PRE-SAMPLE - TUNNEL CRAWL SPACE - IN CENTER OF RAISED AREA	1050	.007
07-28-93	8JW-07-021	PRE-SAMPLE - CHURCH MECHANICAL ROOM - ON TOP OF AIR HANDLING UNIT	950	.001

AL	= ACTION LEVEL	OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION		TWA
EPA	= ENVIRONMENTAL PROTECTION AGENCY	PEL = PERMISSIBLE EXPOSURE LIMIT	OSHA - PEL:	0.2 F/CC
L	= LITERS	RL = RECOMMENDED LEYEL	AL :	0.1 F/CC
NFO	= NO FIBERS OBSERVED IN 100 FIELDS	TCTQ = TOO CLUTTERED TO QUANTIFY	EPA - RL :	0.01 F/CC
		MARYLAND CL	EARANCE LEVEL:	(0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: IAD DIDECTOR. J. WARD, IH



FAX: 410-235-6240

### LABORATORY ANALYSIS REPORT

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CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-93
CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

REF. NO. 03193

ANALYTE ASBESTOS FIBERS			REPORT NO. 26164		
METHOD		TRANSMISSION ELECTRON MICROSCOPY (TEM)			
SAMPLE <u>DATE</u> 07-29-93	LABORATORY NUMBER 8JW-07-162	LOCATION  BOILER ROOM - CENTER OF AREA - BETWEEN BOILERS	VOLUME (L) 1800	RESULTS AS/MM <sup>2</sup> NSD	
07-29-93	8JW-07-163	BOILER ROOM - NORTHWEST CORNER - ON LEDGE OF NORTH BOILER	1800	NSD	
07-29-93	8JW-07-164	BOILER ROOM - NORTHEAST CORNER - ON LEDGE OF NORTH BOILER	1800	NSD	
07-29-93	8JW-07-165	BOILER ROOM - SOUTHEAST CORNER - ON LEDGE OF SOUTH BOILER	1800	NSD	
07-29-93	8JW-07-166	BOILER ROOM - SOUTHWEST CORNER	1800	NSD	

THESE SAMPLES ARE FINALS

EPA AHERA REGULATIONS REQUIRE <70 AS/MM<sup>2</sup> FOR A FIVE SAMPLE AVERAGE.

AHERA = ASBESTOS HAZARD ENERGENCY RESPONSE ACT AS/MM<sup>2</sup> = ASBESTOS STRUCTURES PER SQUARE MILLIMETER

EPA = ENVIRONMENTAL PROTECTION AGENCY

NSD = NO STRUCTURES DETECTED

ANALYST: J. WARD, IH



### LABORATORY ANALYSIS REPORT

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CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE AIRBORNE FIBERS REPORT NO. 26161

SAMPLE LABORATORY
DATE NUMBER LOCATION (L) F/CC
07-29-93 8JW-07-022 WORK/FINAL - INSIDE ROOM - DURING 1140 .003

GLOVE BAG ABATEMENT

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA

EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC

L = LITERS RL = RECOMMENDED LEVEL AL: 0.1 F/CC

NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL: 0.01 F/CC

MARYLAND CLEARANCE LEVEL: (0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. WARD, IH

LAB DIRECTOR: IRVIN A. FISCHER, CIH. CSP, RES



# LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

**DATE:** 06-15-93

CLIENT NO. 1804

PROJECT NO. 2168

PROJECT SITE:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

ANALYTE AIRB		AIRBORNE FIBERS	REPORT N	O. 25869
SAMPLE <u>DATE</u> 06-15-93	LABORATORY NUMBER 4JM-06-001	LOCATION PERSONAL: JIM WALLACE SS #217-90-2505	VOLUME (L) 610	RESULTS F/CC 0.06
06-15-93	4JM-06-002	INSIDE WORK AREA - TUNNEL #44	610	0.033
06-15-93	4JM-06-003	INSIDE CLEAN ROOM	620	NFO
06-15-93	4JM-06-004	OUTSIDE WORK AREA - BY DOOR TO ROOMS 31-32	610	NFO

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

EPA = ENVIRONMENTAL PROTECTION AGENCY

L = LITERS

RL = RECOMMENDED LEVEL

AL: 0.1 F/CC

NFO = NO FIBERS OBSERVED IN 100 FIELDS

OSHA - PEL: 0.2 F/CC

AL: 0.1 F/CC

TCTQ = TOO CLUTTERED TO QUANTIFY

EPA - RL: 0.01 F/CC

MARYLAND CLEARANCE LEVEL: (0.01 F/CC

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ANALYST: J. MARROQUIN, IHT

LAB DIRECTOR: IRVIN A. FISCHER. CIH. CSP. RES



# LABORATORY ANALYSIS REPORT

COPY

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

**DATE:** 06-16-93

CLIENT NO. 1804

PROJECT NO. 2168

PROJECT SITE:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

ANALYTE		AIRBORNE FIBERS	REPORT NO. 2587	
SAMPLE DATE	LABORATORY NUMBER	LOCATION	VOLUME (L)	RESULTS _F/CC
06-15-93	4JM-06-005	10FT FROM CRAWL SPACE - TUNNEL #44	1275	0.0019
06-15-93	4JM-06-006	20FT FROM CRAWL SPACE - TUNNEL #44	1275	0.0023
06-15-93	4JM-06-007	CENTER OF TUNNEL #44	1290	0.0015
06-15-93	4JM-06-008	10FT FROM DECONTAMINATION CHAMBER	1275	0.0019
06-15-93	4JM-06-009	20FT FROM DECONTAMINATION CHAMBER	1290	0.0022

# THESE SAMPLES ARE FINALS

AL = ACTION LEVEL

OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION

TVA

EPA = ENVIRONMENTAL PROTECTION AGENCY

PEL = PERMISSIBLE EXPOSURE LIMIT

OSHA - PEL: 0.2 F/CC

L = LITERS

RL = RECOMMENDED LEVEL

AL: 0.1 F/CC

NFO = NO FIBERS OBSERVED IN 100 FIELDS

TCTQ = TOO CLUTTERED TO QUANTIFY

EPA - RL : 0.01 F/CC

MARYLAND CLEARANCE LEVEL:

(0.01 F/CC

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ANALYST:

J. MARROQUIN, IHT

LAB DIRECTOR: IRVIN A. FISCHER, CIH. CSP. RFS

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Industrial Hygiene Consultation & Services

1005 W. 36th Street • Baltimore, MD 21211-2487 301-366-0250

FAX BALTO. 301-235-6240 • FAX VA 703-329-9064

# FINAL AIR SAMPLING CONSULTATION FORM

CLIENT: Brown MEMORIAL Church

A.A.A. ACCOUNT NO. 1804 DATE RECVD.: 01593

ANALYST'S NAME: / This was

JOB SITE: 12 May 12

PROJECT #: 📿 🖽 🖰 \_\_\_ REPORT #: \_\_\_

PUMP NO.	SAMPLE DATE			AREA / PURPOSE OF SAMPLES		ME		FLOW RATE	VOL.	RESULTS		REPORTED/
	hun !	NO.	NO.	EMPLOYEE ID OR SS#	START		MIN.	LPM	(L)	F/CC	SIZE	OTHER
35	1/5/	005	4)3106-005	Tunel #44 Fralac	PM	PIN	85	15.0	12.95	On a C		
E	6/15	Cem		20 ft From Crowl Space	235	3,500						
13	1/44	206	14.3 MO(006	20 ft From Crowl Space Tunnel #44 Final Cauter of Tunnel #64	tina	9.14	85	15.0	1298	e permi		
A mount		Kit (%		Cauter of Turned # 6/4	136	3502						
Lang.	1 4	907	\$45,000 ge 007	Frank	f.m	Pin	86	1500	1290	Charles to		
Japan James	10/100 11.4	BUM		10 ft From Decom Chambor	(237	3:02						
	/75	808	45km-008	FINAL	Ein	PM	85	15.0	12.35	yer or a		
	4/19	Ben		20 St From Decow Chamber	-38	3804	1					
13	1/93	009	63/MO10-009	FINAL	P.M	9.14	86	1500	17.70	the state of the s		

EMPLOYEE'S NAME: 1. WAS LOOKUIN				EMPLOYEE'S NAME:			
DATE	START	STOP	TOTAL	DATE	START	STOP	TOTAL
	A.M.	A.M.			A.M.	A.M.	
	P.M.	P.M.			P.M.	P.M.	
	A.M.	A.M.			A.M.	A,M,	
	P.M.	P.M.			P.M.	P. M.	<u> </u>
	A.M.	A.M.			. A.M.	A.M.	
	P.M.	P. M.	1		P.M.	P. M.	
	A.M. P.M.	A.M. P.M.			A.M. P.M.	A.M. P.M.	
<del></del>	A.M.	P.M. A.M.			A.M.	P. M.	
	P.M.	P. M.			P.M.	P.M.	
	A.M.	A.M.			A.M.	A.M.	
	P. M.	P.M.			P. M.	P. M.	ļ
TOTAL	WORK/TRAVE	EL TIME		TOTAL	WORK/TRAVE	LTIME	

100	4 ATIVITY	DEDART
JOR	ACTIVITY	HEPORI:

(2 of 2)

CLIENT'S SIGNATURE

DATE



Industrial Hygiene Consultation & Services

1005 W. 36th Street • Baltimore, MD 21211-2487 301-366-0250

FAX BALTO. 301-235-6240 • FAX VA 703-329-9064

# FINAL AIR SAMPLING CONSULTATION FORM

CLIENT: TYPOLA TILMOLOGICAL PROVICE

JOB	SH	=:	 		

DATE

	1-5-4		
A.A.A. ACCOUNT NO	Cart and	DATE RECVD.:	

ANALYST'S NAME: PROJECT #: REPORT #:

PUMP NO.	SAMPLE DATE	SAMPLE NO.	NO.	AREA / PURPOSE OF SAMPLES EMPLOYEE ID OR SS#		ME STOP		FLOW RATE LPM	VOL. (L)	RESULTS F/CC	FILTER SIZE	REPORTED/ OTHER
		7.11 1	5 //	TOWEL CRAIN SPACE	16 /2.0 2 3m3	ji iyo, Dig		1 1		;		
			1041 (17	MECHANICAL I COM	- 11 (J	5.50	1.25 kg	1 { 1				
		*	,,,,,									

EMPLOYEE'	S NAME:			EMPLOYEE	'S NAME:			JOB ACTIVITY REPORT:
DATE	START	STOP	TOTAL	DATE	START	STOP	TOTAL	
e jedanski	A.M. P.M.	A.M. P.M.			A.M. P. M.	A.M. P.M.		
	A. <b>M</b> . P.M.	A.M. P.M.			A.M. P.M.	A.M. P.M.		
	A.M. P.M.	A.M. P.M.			A.M. P.M.	A.M. P.M.		
	A.M. P.M.	A.M. P.M.			A.M. P.M.	A.M. P.M.		
	A.M. P.M.	A.M. P.M,			A.M. P.M.	A.M. P.M.		
	A.M. P.M.	A.M. P.M.			A.M. P.M.	A.M. P.M.		
TOTAL	WORK/TRAVE			TOTAL	WORK/TRAVE	EL TIME		CLIENT'S SIGNATURE



FAX: 410-235-6240

#### LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 07-26-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

REPORT NO. 26123 **ANALYTE** AIRBORNE FIBERS

SAMPLE LABORATORY VOLUME RESULTS F/CC LOCATION (L) DATE NUMBER 07-22-93 4JM-07-035 NFO PRE-SAMPLE - CENTER OF BOILER ROOM -900

ROOMS 31 & 32

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC L = LITERS RL = RECOMMENDED LEVEL AL: 0.1 F/CC 0.01 F/CC NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL : MARYLAND CLEARANCE LEVEL: <0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. MARROQUIN, IHT

LAB DIRECTOR: IRVIN A. FISCHER, CIH, CSP, RES



LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 07-26-93

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET - BOILER ROOM

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT NO.	26124
SAMPLE DATE 07-23-93	LABORATORY NUMBER 4JM-07-036	LOCATION PERSONAL: ALEX CASALDA SS #215-23-6541	(L)	ESULTS F/CC 0.013
07-23-93	4JM-07-037	INSIDE WORK AREA	340	0.018
07-23-93	4JM-07-038	IN CLEAN ROOM OF DECONTAMINATION CHAMBER	340	0.0014
07-23-93	4JM-07-039	AT NEGATIVE AIR EXHAUST	340	NFO

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA

EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC

L = LITERS RL = RECOMMENDED LEVEL AL: 0.1 F/CC

NF6 = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL: 0.01 F/CC

MARYLAND CLEARANCE LEVEL: <0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: J. MARROQUIN, IHT

LAB DIRECTOR: IRVIN A. FISCHER, CIH, CSP, RES



### LABORATORY ANALYSIS REPORT

GLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 07-29-98

CLIENT NO. 1804

PROJECT NO. 2246

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26146
SAMPLE DATE	LABORATORY NUMBER	LOCATION	VOLUME (L)	RESULTS F/CC
07-26-93	8JW-07-005	OUTSIDE WORK AREA - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	360	.002
07-26-93	8JW-07-006	PERSONAL: ALEX CASALDA SS #215-23-6541 - HALF-FACE RESPIRATOR	970	.011
07-26-93	8JW-07-007	WORK AREA - IN CENTER OF BOILER ROOM	960	.009

AL	= ACTION LEVEL	OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION		TWA
FGA	= ENVIRONMENTAL PROTECTION AGENCY	PEL : PERMISSIBLE EXPOSURE LIMIT	OSHA - PEL:	0.2 F/CC
i 8	= LITERS	RL = RECOMMENDED LEVEL	and the second	0.1 F/CC
NEO	NO FIBERS OBSERVED IN 100 FIELDS	TOTO TOO CLUTTERED TO QUANTIFY	EP4 - RL :	0.01 F/CC
		MADVIAND "IC	ADAMCE LEVEL:	in At Fice

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 3.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OF MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REGUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETIES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. WARD. IH

LAB DIRECTOR: IRVIN A. FISCHER, CIH. CSP, RES



### LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

HALTIMORE, MD 21212

DATE: 08-03-90

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26159
SAMPLE DATE 07-27-93	LABORATORY NUMBER 8JW-07-008	LOCATION OUTSIDE WORK AREA - BOILER ROOM - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	VOLUME _(L) 	RESULTS F/CC .002
07-27-93	8JW-07-009	PERSONAL: EDWARD NADOLNY SS #212-60-8669 - HALF-FACE RESPIRATOR - BOILER ROOM	950 -	.008
07-27-93	8JW-07-010	WORK AREA - BOILER ROOM - IN CENTER OF ROOM	960	.005

à.	- ACTION LEVEL	OSHA - OCCUPATIONAL SAFETY AND HEALTH ADMINIST	ATION	WA
{ P#	= ENVIRONMENTAL PROTECTION AGENCY	PEL = PERMISSIBLE EXPOSURE (IMII	CSHA - PEL:	0.2 F/CC
į.	: 61788S	RI = RECOMMENDED LEVEL	At :	0.1 F/CC
NF ()	= NO FIBERS OBSERVED IN 100 FIFERS	ICTO = TOO CLUTTERED TO QUANTIFY	EPA - RL :	0.01 F/CC
			WARYLAND OFFARANCE SEVELS	70 0: F700

THE DECECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIRERS PER 100 FIELDS AND 800 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. WARD. IH

LAB DIRECTOR: IRVIN A. FISCHER, CTH. CSP. RES



FAX: 410-235-6240

### LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-98

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26160
SAMPLE DATE 07-28-93		LOCATION OUTSIDE WORK AREA - BOILER ROOM - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	VOLUME (L) 980	
07-28-93	8JW-07-018	PERSONAL: ALEX CASALDA SS #215-23-6541 - HALF-MASK RESPIRATOR BOILER ROOM	970 -	.005
07-28-93	8JW-07-019	WORK AREA - IN CENTER OF BOILER ROOM	970	.004
07-28-93	8JW-07-020	PRE-SAMPLE - TUNNEL CRAWL SPACE - IN CENTER OF RAISED AREA	1050	.007
07-28-93	8JW-07-021	PRE-SAMPLE - CHURCH MECHANICAL ROOM - ON TOP OF AIR HANDLING UNIT	950	.001

8.	= ACTION LEVEL	OSHA = OCCUPATIONAL SAFFTY AND HEALTH ADMINISTRATION		T#A
EPA	<pre>= ENVIRONMENTAL PROTECTION AGENCY</pre>	PEL : PERMISSIBLE EXPOSURE LIMIT	DSHA - PEL:	9.2 F/CC
į	: LTE85	PI = RECOMMENDED LEVEL	AL :	0.1 F/CC
NEG	= NO FIBERS OBSERVED IN 100 FIELDS	ECTO = TOO CLUTTERED TO SUANFIFY	194 - 81	0.0: F/CC
		MARYLAND CO	EARANCE LEVEL:	K0.91 E/CC

THE DETECTION LIMIT USING WIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST:

J. WARD. IH

LAB DIRECTOR: IRVIN A. FISCHER. CIH. CSP. RES



LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

REF. NO. 03193

ANALYTE		ASBESTOS FIBERS	REPORT N	O. 26164
METHOD		TRANSMISSION ELECTRON MICROSCOPY (TEM)		
DATE	LABORATORY NUMBER	LOCATION DETWEEN	VOLUME (L)	RESULTS AS/MM <sup>2</sup>
07-29-93	8JW-07-162	BOILER ROOM - CENTER OF AREA - BETWEEN BOILERS	1800	NSD
07-29-93	8JW-07-163	BOILER ROOM - NORTHWEST CORNER - ON LEDGE OF NORTH BOILER	1800	NSD
07-29-93	8JW-07-164	BOILER ROOM - NORTHEAST CORNER - ON LEDGE OF NORTH BOILER	1800	NSD
07-29-93	8JW-07-165	BOILER ROOM - SOUTHEAST CORNER - ON LEDGE OF SOUTH BOILER	1800	NSD
07-29-93	8JW-07-166	BOILER ROOM - SOUTHWEST CORNER	1800	NSD

THESE SAMPLES ARE FINALS

EPA AHERA REGULATIONS REQUIRE (70 AS/NM2 FOR A FIVE SAMPLE AVERAGE

AHERA = ASBESTOS HAZARD EMERGENCY RESPONSE ACT AS/MM<sup>2</sup> = ASBESTOS STRUCTURES PER SQUARE MILLIMETER

EPA = ENVIRONMENTAL PROTECTION AGENCY

NSD : NO STRUCTURES DETECTED

ANALYST: J. WARD, IH
LAB DIRECTOR: IRVIN A. FISCHER, CIH, CSP, RES



#### LABORATORY ANALYSIS REPORT

CLIENT: BROWN MEMORIAL CHURCH

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-08-33

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMOPE, MD

ANALYTE AIRBORNE FIBERS REPORT NO. 26161

VOLUME RESULTS SAMPLE LABORATORY LOCATION (L) F/CC NUMBER DATE WORK/FINAL - INSIDE ROOM - DURING 07-29-93 8JW-07-022 1140 .003

GLOVE BAG ABATEMENT

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION EPA = ENVIRONMENTAL PROTECTION AGENCY OSHA - PEL: 0.2 F/CC PE: = PERMISSIBLE EXPOSURE LIMIT L LITERS RE = RECOMMENDED LEVEL 4L: 01 F/CC NFO = NO FIBERS OBSERVED IN 100 FIELDS TOTA : TOO CHITTERED TO QUANTIFY EFA - RL : 0.01 F/CC RARYLAND CLEARANGE LEVEL: <0.01 =/00

THE DETECTION LIMIT USING NICSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS FER CHBIC CENTIMETER (F/CC) BASED ON IEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: J. WARD. 1H LAB DIRECTOR: IRVIN A. FISCHER, CIH, CSP. RES



# LABORATORY ANALYSIS REPORT

BROWN MEMORIAL CHURCH CLIENT:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		AIRBORNE FIBERS	REPORT N	O. 26162
SAMPLE <u>DATE</u> 07-30-93	LABORATORY NUMBER 8JW-07-023	LOCATION  OUTSIDE WORK AREA - CRAWL SPACE - AT ENTRANCE TO WORK AREA	VOLUME _(L) _1160	RESULTS F/CC .001
07-30-93	8JW-07-024	CRAWL SPACE - PERSONAL: ZEBAL STEPPE SS #216-92-7313 - HALF-MASK RESPIRATOR	1100	.004
07-30-93	8JW-07-025	CRAWL SPACE WORK AREA - ATTACHED TO HORIZONTAL LINE DURING GLOVE BAGGING	1080	.005
07-30-93	8JW-07-026	OUTSIDE WORK AREA - MECHANICAL ROOM - AT ENTRANCE TO CLEAN ROOM OF DECONTAMINATION CHAMBER	1010	.002
07-30-93	8JW-07-027	PERSONAL: JAMES COUGH SS #216-62-1448 - HALF-FACE RESPIRATOR MECHANICAL ROOM	920	.007
07-30-93	8JW-07-028	WORK AREA - MECHANICAL ROOM - IN CENTER OF AREA	1030	.005

AL	= ACTION LEVEL	OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATI	ON	TWA
EPA	= ENVIRONMENTAL PROTECTION AGENCY	PEL = PERMISSIBLE EXPOSURE LIMIT	OSHA - PEL:	0.2 F/CC
L	= LITERS	RL = RECOMMENDED LEVEL	AL:	0.1 F/CC
NFO	= NO FIBERS OBSERVED IN 100 FIELDS	TCTQ = TOO CLUTTERED TO QUANTIFY	EPA - RL :	0.01 F/CC
		MARY	LAND CLEARANCE LEVEL:	(0.01 F/CC

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: J. WARD, IH FAR DIRECTOR. TOVIN A ETCOUED OTH OCH BEC



#### LABORATORY ANALYSIS REPORT

BROWN MEMORIAL CHURCH CLIENT:

6200 NORTH CHARLES STREET

BALTIMORE, MD 21212

DATE: 08-03-93

CLIENT NO. 1804

PROJECT NO. 2245

PROJECT SITE: 6200 NORTH CHARLES STREET

BALTIMORE, MD

ANALYTE		REPORT N	0. 26163	
SAMPLE DATE 07-30-93	LABORATORY NUMBER 8JW-07-029	LOCATION TUNNEL CRAWL SPACE - CENTER OF AREA	VOLUME (L) 800	RESULTS F/CC NFO
07-30-93	8J <b>W-</b> 07-030	MECHANICAL ROOM - ON TOP OF LADDER IN CENTER OF AREA	800	.003

# THESE SAMPLES ARE FINALS

AL = ACTION LEVEL OSHA = OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION TWA EPA = ENVIRONMENTAL PROTECTION AGENCY PEL = PERMISSIBLE EXPOSURE LIMIT OSHA - PEL: 0.2 F/CC L = LITERS RL = RECOMMENDED LEVEL AL: 0.1 F/CC NFO = NO FIBERS OBSERVED IN 100 FIELDS TCTQ = TOO CLUTTERED TO QUANTIFY EPA - RL: 0.01 F/CC MARYLAND CLEARANCE LEVEL:

THE DETECTION LIMIT USING NIOSH 7400 METHOD PHASE CONTRAST MICROSCOPY IS 0.01 FIBERS PER CUBIC CENTIMETER (F/CC) BASED ON TEN OR MORE FIBERS PER 100 FIELDS AND 500 LITERS OF AIR. UNLESS REQUESTED IN WRITING, SAMPLES ARE DESTROYED IN 10 DAYS. ALL CASSETTES USED ARE 25MM DIAMETER UNLESS OTHERWISE NOTED.

ANALYST: J. WARD, IH LAB DIRECTOR: TRVIN A. FISCHER CIH CSP RES

COLLECTED BY: 11111

(0.01 F/CC

ίσ	maesighed to use or elue 17 pitch (ypewitte)	,		· · · · · · · · · · · · · · · · · · ·	PARTY I	OXXXXII		
1	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US EPA	A ID No.	Manifest Pocument No. 4.2.0.	2. Page 1 of			
I	3. Generator's Name and Mailing Address ARC Asbestos Removal Co.	of MD Inc						
1	519-C Pulaski Hwy., Joppa							
	4. Generator's Phone ( 410 ) 679–60							
	5. Transporter 1 Company Name Lowery's Trash Removal	6. Tric	US EPA ID I	Number				
	7. Transporter 2 Company Nome	lumber						
	7. Hunsporter 2 company Home	8.   .						
	9: Designated Facility Nome and Site Address		410)547-	3070				
	Meadowfill Landfill				B. Transporter			
	Rt. 2, Box 68	0 1			C. Facility's Pt		27Ω4	
	Bridgeport, W. VA 2633	1.	· · · · · · ·	· · · · ·		ontainers	13.	14.
	11. Waste Shipping Name and Description Asb	estos ORM-I	E, NOS - I	NA 9188	No.	Type	Total Quantity	Unit Wt/Vol
	o. 93-088 North Carroll Mic	ddle School/C	arroll Cour	ty Education	on	Do	10 cy	
	93-093 New Freedom School	ol/Carroll Co	unty Board	of Education	on .	Doub1	8 су	
	. 02 000 Couth Cornell Ud	-h Cabaa1/0	11 0	. D1		<del></del>	3 cy	<del> </del>
GEN	b. 93-098 South Carroll High 93-081 West Middle School		-			bag	11 cy	
Ε	93-081 West Middle School	oi/Carroii Co	uncy board	or Education	on			
R	c 93-100 Elmer Wolfe School	ol/Carroll Co	unty Board	of Education	OD.	Ħ	10 cy	
A T O	93-090 William Wincheste		-				7 cy	
Ř				Buddlion		·		
1	d. 93-061 Brown Memorial Ch	nurch/Brown Mo	emorial Chu	rch		<u> </u>	5 cy	
. [	93-092 3801 Clifton Aver	nue <b>/G. E. Tig</b>	nall			٠,	1 cy	
	D. Additional Descriptions for Moterials Listed Abo				E Handling C	odes for W	astes Listed Abov	
	D. Additional Descriptions for Moterials Essed Abo	,,,,			L. Handling C	000370171	differ history	•
	15. Special Handling Instructions and Additional I	nformation			1			
	ASBESTOS (air purifying a	espirators sl	hould be wo	rn)				
		•		•				
П		•						
	16. GENERATOR'S CERTIFICATION: I certify the r	naterials described above o	<del></del>	subject to federal re	gulations for repor	ing proper		s Waste.
1	Printed/Typed Name John N. Thrappas		Stanature	Mr Mis	11BA	<i>j</i>	Month Day	
	17. Transporter 1 Acknowledgement of Receipt of	Materiols	HOUND	J NONE	rygan		1 40 1 42	
Ŕ	Printed/Typed Name		Signature /	0 9			Month, Day	Year
N S	Lowery's Trash Removal	, Inc.	1 4,	W, Doc	vely		08/06	293
ģ	18. Transporter 2 Acknowledgement of Receipt of	Materials						
TRANSPORTER	Printed/Typed Name		Signature		V		Month Day	Year
R	19. Discrepancy Indication Spoce							
	I see a parter more and a parter							
FACI								
1	20.5 111.0							
L T Y	20. Facility Owner or Operator: Certification of rec	eipt of waste materials (	covered by this mar	iitest except as note	ed in Item 19.			
	Printed/Typed Name Annam.	Chatt	Signature	na M	Olas	4	Month Day	Year
	Minum.	Lille	1 CM	nu 111	1 CACA		18 4	170
						12=1	15 CE BOW	38, 37

					Solve Minister	Same Same	and where		
	NON-HAZARDOUS	1. Generator's US E		Manifest Document No.	2. Page	- 1			
1	WASTE MANIFEST  3. Generator's Name and Mailing Address	1	<u> </u>	10.0.1.0.					
	ARC Asbestos Removal Co. (P.O. Box 467, Joppa, MD 4. Generator's Phone (410) 335-0700	of MD, Inc. 21085							
	5. Transporter 1 Company Name	6.	US EPA ID N	umber					
	Lowery's Trash Removal, In	ic.							
	7. Tronsporter 2 Company Name	8. <b> </b>	US EPA ID N						
	9: Designated Facility Nome and Site Address	10.	US EPA ID N	umber	A. Tran	sporter's P	hone (	(410) 547	7-8070
	PST Reclamation, Inc.				B. Tran	sporter's P	hone		
	4431 Sands Road		92-0207	′-11À	C. Facil	ity's Phone	:		
	Harwood, MD 20776		<u> </u>	<u> </u>	(	410)	r- <del></del>		
	11. Waste Shipping Name and Description	. 1	NTA (1040 - 100			12. Cont	1_	13. Total	14 Un
	0/ 076 P151-11 A /-		, NA2212, PGI	.11		No.	Туре	Quantity	Wt/
	a.94-076 Beechfield Aprt./N 94-069 MD Historical Soci						Doub	1 cy 37 cy	
			orical Societ	y			161	.8 .cy.	
-	92-179 NSA/STOP Corporation 97-077 AMerican Legion Po		rty Construc	tion			-6-		+
G E N	94-078 Canterbury Hall Ap	•	•	: [ 101			Ва	2 cy	
Š	94-075 Damascus High Scho	-		c			. 81	4 cy 38 cy.	
Ř	c. 94-080 813 Cedarcroft Roa			.8			-		
R A T	94-084 4207 Fernhill Aver	•					6	2 cy	
O R	94-063 Brown Memorial Chu			h	ł		E,	1 cy ·2·c <del>y</del>	
١	d 94-088 500 Club Lane/Mr.		morial chare					l cy	
	94-089 Springfield Hospit		. Inc.		1		po	1 cy	
	94-082 Cecil Community Co			11ege	1		lу	· 2 · Cv	
	D. Additional Descriptions for Materials Listed Ab		0-11-07		E. Hand	dling Code	s for W	astes Listed Ab	ove
	94-085 Rockville HIgh Sch	ool <b>/Mongtome</b>	ery Co. Schoo	ols				1 су	
	15. Special Handling Instructions and Additional I	nformotion							
	CONTAINS ASBESTOS. AIR	PURIFYING R	ESPIRATORS S	HOULD BE W	ORN.				
	V CENTERATORIS CERTIFICATION								
	16. GENERATOR'S CERTIFICATION: I certify the International Printed/Typed Name	nateriols described obove		subject to federal req	gulations fo	r reporting	proper d		
*	John N. Thrappas		Signature	1 IL	Ely	edel			6 94
T R	17. Transporter 1 Acknowledgement of Receipt of	Materials	/						_
Ą	Printed/Typed Name Love to Printed Pompara I To		Signature	m of	( )	0.0-	0.00	Month E	Day Ye
S	Lowery's Trash Removal, In		-1971	an III	- \	MM	Mill.	1001	-117
Ř	18. Transporter 2 Acknowledgement of Receipt of	materials	Sia4				— <i>(</i> )—		
TRANSPORTER	Printed/Typed Name		Signoture					Month E	Day Ye
	Discrepancy Indication Space     Space     Pacility Owner or Operator: Certification of recommendations	eipt of waste moterial	s covered by this mani	fest except os note	d in Item	19.			
Ţ	Printed/Typed Name		Signature		/			Month D	Day Ye
	TORRENCE LEWIS	•	Jana	اسم در بر زو	(1)	111		ØSIZ	<del>7</del> 79.
			1 - 0 - 00	~ · · ·			and the second second second second	STATE OF THE PARTY	. () (

8 207	NON-HAZARDOUS WASTE MANIFEST	1. Generator's US	EPA ID No.	Manifest Document No.	2. Page of	e 1					
I	3. Generator's Name and Mailing Address	MD Inc									
1	ARC Asbestos Remov1 Co. of MD, Inc. P.O. Box 467, Joppa, MD 21085										
	4. Generator's Phone (410 ) 335-0700										
	5. Transporter 1 Compony Name		S. US EPA	ID Number							
	Lowery's Trash Removal, In	ic.									
	7. Transporter 2 Company Name	8	3. US EPA	ID Number							
	9: Designated Facility Name and Site Address				A Tran	A. Transporter's Phone (410) 547-8070					
	PST Reclamation, Inc.	· ·		. 15 1 10 11 50 1		B. Transporter's Phone					
	4431 Sanos Road		92-0207-11A c.			lity's Phone	?				
	Harwood, MD 20776					(410)			1		
П	11. Waste Shipping Name and Description	Asbestos,	C PCCAIA O	D/ידדד		12. Cont	1 _	13. Total	14. Unit		
	g. 94-092 N.I.H./Modern E		9, 14/12/12,	IGILI		140.	Туре	Quantity ½ Cy	Wt/Vol		
	94-086 Martin State Air		iation Adm	inistration				2 Cy 2 Cy	Ì		
	94-098 Glyndon Church/(	Lyndon Chu	rch				<u> </u>	· l cy			
Ģ	b. 93-061 Browm Memoral Ch 94-097 504 E. Lake Aver	-		Church				½ cy			
GENERAT	94-097 504 E. Lake Aver 94-069 MD Historical S	-		Society				.2.cy			
Ř	c. 94-103 7115 Rich Hill/N			Doctory			<u> </u>	½ c.Cy			
T O	94-014 315 Overhill <b>/M</b> s							½ cy			
R	94-095 Francis Scott Ke 94-075 Damascus High Sc			nty		• •	<u> </u>	· 3· cy ·	ļ		
	94-105 1701 Pennsylvani			tate				8 cy ½ cy			
	94-085 Rockville High S							· 1· cy ·			
	D. Additional Descriptions for Materials Listed Abo	ve			E. Han	dling Code	es for W	astes Listed Above	•		
П											
Ш											
П	15. Special Handling Instructions and Additional II	formation									
П	13. Special Hallolling Instructions and Additional II	normanon									
Ш	CONTAINS ABSESTOS. AIR P	IDTEVING DE	COTDATORC	SHOULD BE WOR	) NT						
	CONTAINS ABSESTOS. AIR P	UKIFIING KE	ESPIRATURS	SHOULD BE WOR	CIV.						
					•						
	16. GENERATOR'S CERTIFICATION: I certify the m	naterials described abo	ove on this manifest o	re not subject to federal re	egulations f	or reporting	proper	disposal of Hazardous	s Woste.		
1	Printed/Typed Name		Signature		11.			Month Day	Year		
1	John N. Thrappas		John	· Uht	1-1-8	111	1/	07   07	94		
Ř	<ol> <li>Transporter 1 Acknowledgement of Receipt of Printed/Typed Name</li> </ol>	Materials	Signature			//	¥	Month Day	Year,		
Ñ	Lowery's Trash Removal, In	C.	751	leta M.	( )	ltra	Je.	10716	1194		
9	18. Transporter 2 Acknowledgement of Receipt of Materials					0					
TRANSPORTER	Printed/Typed Name		Signature					Month Day	Year		
R	19. Discrepancy Indication Space										
FACI											
	20 5-15-0 0 0 (	aint of wests are to	viale covered by the		ad := !:=	10					
L T Y	20. Facility Owner or Operator: Certification of rec	eipi oi waste matei	iois covered by this	s manifest except as not	ea in Item	1 17.					
Υ	Printed/Typed Name		Signatura	_				Month Day	Year		
	TOPPRENCE LEWY	<u> </u>		morre		en	2	0.708	5179		
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# To Whom It May Concern:

In June, 1991, my firm completed the encapsulation of the asbestos insulation on both boilers as well as the air ducts in the utility rooms in both the East and West Buildings of Brown Memorial Woodbrook Presbyterian Church.

Two coats of Foster's asbestos bridging paint #3232 were applied using the manufacturers specified equipment and methods.

Signature

Charles T. Lilly 96 Mt. De Sales Road Baltimore, MD 21229